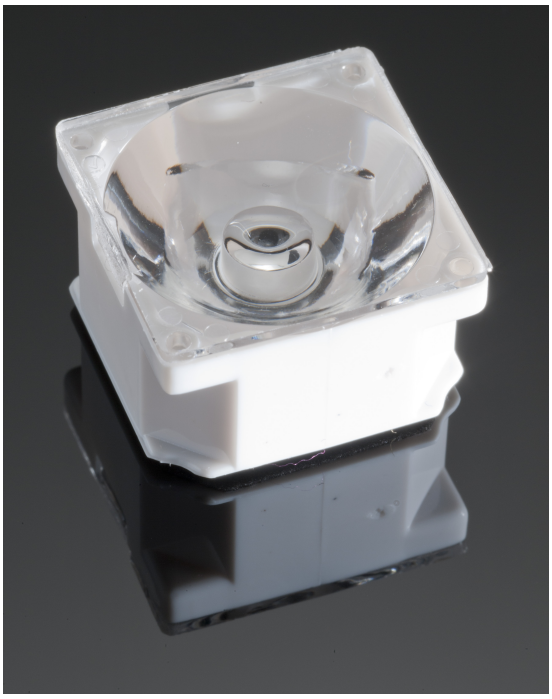
RES-RS

~11° spot beam for LUXEON Rebel. Assembly with white holder.



SPECIFICATION:

Dimensions	21.6 x 21.6
Height	12.9 mm
Fastening	tape
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
ROSE-TAPE	Tape	Acryl tape	grey		
ROSE-HLD-RE-WHT	Holder	PC	white		
» Box size: 480 x 280 x 300 mm					
ROSE-B-B-RS	Single lens	PC	clear		
» Box size: 480 x 280 x 300 mm					

ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Assembly	1

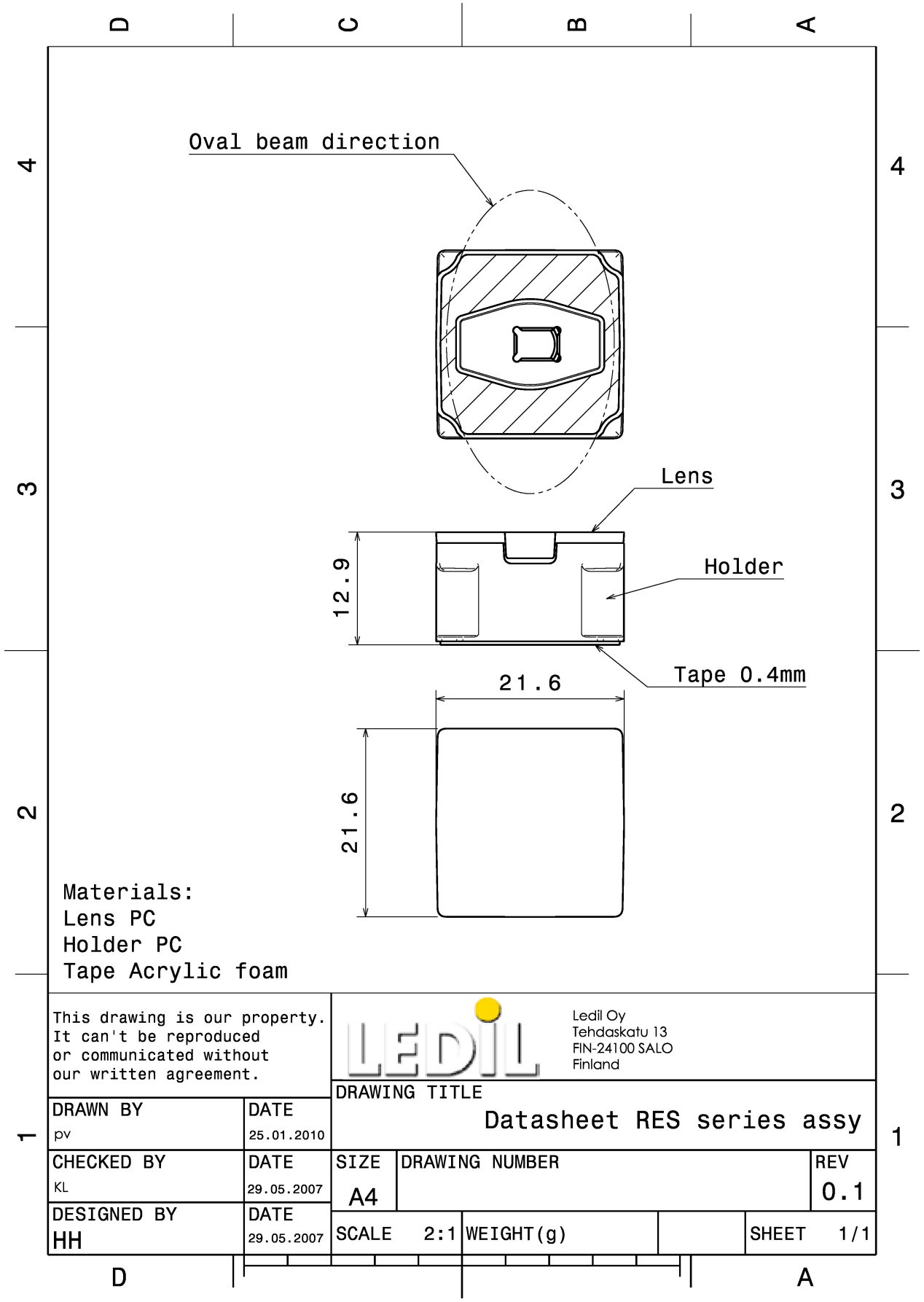
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Component	Qty in box	MOQ	MPQ	Box weight (kg)
F10283_ROSE-B-B-RS	1980	180	180	7.7
CA10554_ROSE-HLD-RE-WHT	3240	180	180	7.2

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See also our general installation guide: www.ledil.com/installation_guide

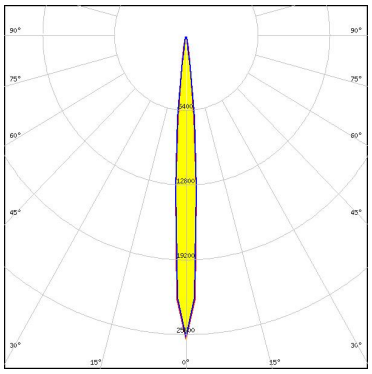
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OPTICAL RESULTS (MEASURED):

LUMILEDS

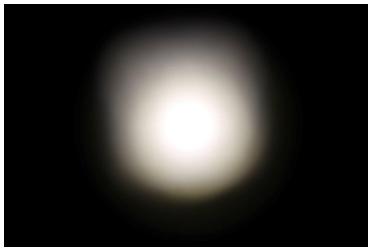
LED	LUXEON Rebel
FWHM / FWTM	8.0° / 18.0°
Efficiency	85 %
Peak intensity	26 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

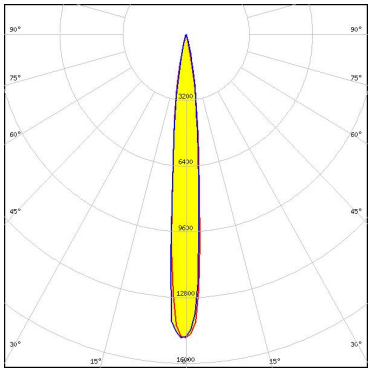


Light distribution files

LUMILEDS

LED	LUXEON Rebel ES
FWHM / FWTM	10.0° / 24.0°
Efficiency	87 %
Peak intensity	15 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

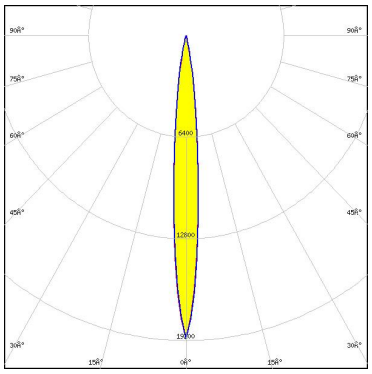
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OPTICAL RESULTS (SIMULATED):

bridgelux

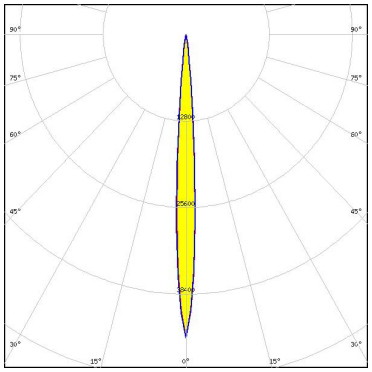
LED	CSP 2323 (BXCP)
FWHM / FWTM	10.0° / 22.0°
Efficiency	87 %
Peak intensity	19.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

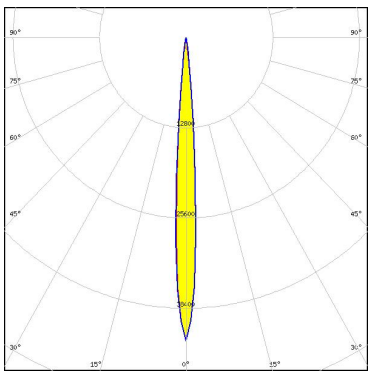
LED	XQ-E HD
FWHM / FWTM	8.0° / 14.0°
Efficiency	93 %
Peak intensity	44.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XQ-E HD Blue
FWHM / FWTM	8.0° / 14.0°
Efficiency	94 %
Peak intensity	43 cd/lm
LEDs/each optic	1
Light colour/type	Blue
Required components:	



Light distribution files

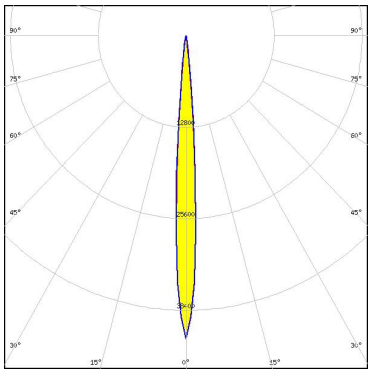
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OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XQ-E HD Green
FWHM / FWTM	8.0° / 14.0°
Efficiency	94 %
Peak intensity	42.4 cd/lm
LEDs/each optic	1
Light colour/type	Green
Required components:	



Light distribution files

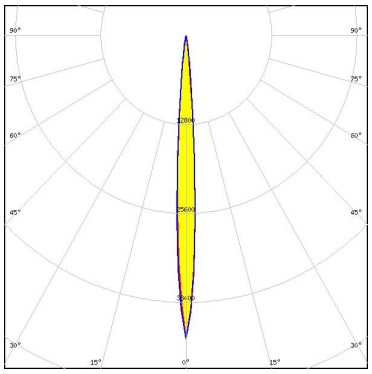
CREE LEDs

LED	XQ-E HD Red
FWHM / FWTM	8.0° / 14.0°
Efficiency	92 %
Peak intensity	38.7 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	

Light distribution files

CREE LEDs

LED	XQ-E HD WW
FWHM / FWTM	8.0° / 14.0°
Efficiency	93 %
Peak intensity	43.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

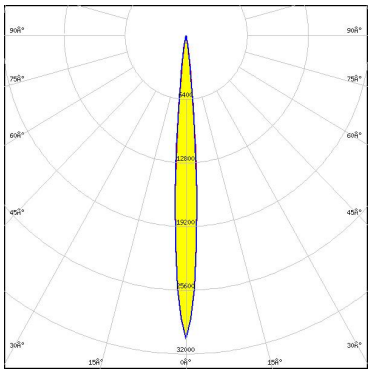
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OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON Rebel Plus
FWHM / FWTM	8.0° / 16.0°
Efficiency	88 %
Peak intensity	30.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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